

Abstract

A fuel-injection nozzle for an internal combustion engine is disclosed. The nozzle comprises a nozzle body (2), in which a nozzle needle (10) with a stop (34) is positioned so that it can be displaced, and a nozzle holder (6), in which a pressure pin (16) is displaceably mounted. A disc-shaped stop element (26) is provided in a zone between the nozzle body (2) and the nozzle holder (6). The nozzle body (2) and the nozzle holder (6) are axially braced against one another in such a way that the stop element (26) forms a first sealing surface (30), which lies adjacent to one section (23) 5 of the nozzle holder and a second sealing surface (31), which lies adjacent to one section (24) of the nozzle body. Both the first and second sealing surfaces (30, 31) respectively have at least one cavity (36), which is punched, drilled and/or stamped.

10